| POSITION                  | INITIALS | ID NO. | DATE     |  |  |  |  |  |  |
|---------------------------|----------|--------|----------|--|--|--|--|--|--|
| FEE DETERMINATION         | BA       |        | 04-06-01 |  |  |  |  |  |  |
| O.I.P.E. CLASSIFIER       |          | 49     | 5/2/01   |  |  |  |  |  |  |
| FORMALITY REVIEW          | In       | 852    | 25-12-01 |  |  |  |  |  |  |
| RESPONSE FORMALITY REVIEW | TAP.     | 11/0   | 7048-01  |  |  |  |  |  |  |

## **INDEX OF CLAIMS**

| • | Rejected                   | N   | Non-elected  |
|---|----------------------------|-----|--------------|
| = | Allowed                    | - 1 | Interference |
| _ | (Through numeral) Canceled | Α   | Appeal       |
| ÷ | Restricted                 | 0   | Objected     |

|                  | •          | <del>-</del>  |          |              |          |                                                  |              |                                                  |                |                                                  |                 |  |               |            |          |          |           |          |          |           |           |          |                 | Objected |          |               |                 |            |          |          |              |          |          |                                              |          |                |
|------------------|------------|---------------|----------|--------------|----------|--------------------------------------------------|--------------|--------------------------------------------------|----------------|--------------------------------------------------|-----------------|--|---------------|------------|----------|----------|-----------|----------|----------|-----------|-----------|----------|-----------------|----------|----------|---------------|-----------------|------------|----------|----------|--------------|----------|----------|----------------------------------------------|----------|----------------|
| Clai             | m          | _             | <u>-</u> | Date         |          |                                                  |              |                                                  |                |                                                  |                 |  | Cla           | Claim Date |          |          |           |          |          |           |           |          | Claim Date      |          |          |               |                 |            |          |          |              | _        | _        | _                                            |          |                |
| Final            | Driginal 1 | Strike.       | \<br>-   |              |          |                                                  |              |                                                  |                |                                                  |                 |  | Final         | g Original |          |          |           |          |          |           |           |          |                 |          |          |               | Original<br>101 |            |          |          |              |          |          |                                              |          |                |
|                  | 2          | 17            |          |              |          |                                                  | Ī            |                                                  |                |                                                  |                 |  |               | 52         |          |          |           |          |          | _         |           |          |                 | 7        | r        | $\rightarrow$ | 102             | T          |          | -        |              |          |          | П                                            | _        | 1              |
|                  | 3          | 1             |          |              |          |                                                  |              |                                                  |                |                                                  |                 |  |               | 53         |          |          |           |          |          |           |           |          |                 |          | Γ        |               | 103             |            |          |          |              |          |          |                                              |          | Π              |
| $\perp$          | 4          | 1             | <u> </u> | L            | L        | ↓_                                               | L            | L                                                | <u> </u>       | _                                                |                 |  |               | 54         |          |          |           |          |          |           |           |          |                 |          |          |               | 104             | ļ.,        |          |          |              |          |          |                                              |          |                |
|                  | 5          | 1             | L        | <u> </u>     |          | -                                                | <u> </u>     | <u> </u>                                         | 1_             | _                                                |                 |  | $\vdash$      | 55         |          |          |           | ļ        |          |           |           |          |                 | _        | L        |               | 105             | <u> </u>   |          |          | $oxed{oxed}$ | _        |          |                                              | _        | L              |
| _                | 6<br>7     | +             | <u> </u> | <u> </u>     |          | -                                                | <b>⊢</b>     | ļ                                                | <del> </del> — | -                                                | $\vdash$        |  | $\vdash$      | 56         | _        |          |           | ļ        |          |           | <u> </u>  | -        | -               | 4        | ŀ        |               | 06              | ╄          | _        |          | _            | _        | <u> </u> |                                              | _        | ↓              |
| $\vdash$         | 8          | +             | $\vdash$ | <u> </u>     | -        | -                                                | ╁            | -                                                | ┢              | ┼-                                               | -               |  | -             | 57<br>58   | -        | _        | _         |          |          |           |           |          | -               | -        | ŀ        | _+            | 107             | $\vdash$   |          | _        | _            | _        |          | <u>                                     </u> | _        | ├              |
|                  | 9          | +             | $\vdash$ |              | ┝        | ┼─                                               | <del> </del> | ├                                                | ⊢              | ┢                                                | -               |  | $\vdash$      | 59         |          |          | -         |          |          | _         |           | _        | -               | $\dashv$ | ŀ        |               | 108             | +-         | _        |          | -            |          | <u> </u> |                                              | _        | ⊢              |
|                  | 10         | ╀             |          | -            | $\vdash$ | ╁╴                                               | <del> </del> | <del>                                     </del> | $\vdash$       | ┢                                                | ╁               |  | $\vdash$      | 60         |          |          |           | -        | $\vdash$ |           |           | -        | -               | $\dashv$ | ┢        |               | 10              | ┼-         |          |          |              |          | -        | $\vdash$                                     | -        | ⊢              |
|                  | 11         | $\dagger$     |          | <del> </del> | -        | +-                                               | $\vdash$     | ┢                                                | $\vdash$       | ┼                                                | -               |  | -             | 61         | $\dashv$ |          | _         |          | -        |           | -         |          | $\vdash$        | $\dashv$ | H        | _             | 111             | $\vdash$   |          | -        | -            | -        |          | H                                            |          | ⊢              |
|                  | 12         | $\dagger$     |          | $\vdash$     | -        | <del>                                     </del> | $\vdash$     | t                                                | -              | <del>                                     </del> |                 |  | $\vdash$      | 62         | _        | -        | _         | _        |          | _         |           | _        | $\vdash$        | $\dashv$ | -        |               | 12              | +          |          |          |              | -        |          | -                                            | -        | ╁              |
|                  | 13         |               |          | H            |          | ┢                                                | $\vdash$     |                                                  | H              | <del> </del>                                     |                 |  | H             | 63         | -        | -        | -         |          |          |           |           |          | $\vdash \vdash$ | ┪        | -        |               | 113             | +-         |          |          |              | _        | -        |                                              | -        | $\vdash$       |
| 1                | 14         | 1             |          |              | Т        | <u> </u>                                         |              |                                                  | $\vdash$       |                                                  |                 |  | М             | 64         | $\dashv$ |          |           |          |          |           |           |          | $\vdash$        | ┥.       | F        | -+            | 114             | t          |          |          |              |          | _        | П                                            |          |                |
| A                | 15         | 7             |          |              |          | T                                                |              |                                                  | 1              | T                                                |                 |  | П             | 65         |          |          |           |          |          | _         |           |          | $\sqcap$        | 7        | r        |               | 115             |            |          |          | _            |          |          |                                              |          | Т              |
|                  | 16         | T             |          |              |          |                                                  |              |                                                  |                |                                                  |                 |  |               | 66         |          |          |           |          |          |           |           |          | П               |          |          | 7             | 16              |            |          |          |              |          |          |                                              |          | Г              |
|                  | 17         | $\perp$       |          |              | L        |                                                  |              |                                                  |                |                                                  |                 |  |               | 67         |          |          |           |          |          |           |           |          |                 | _        |          | _             | 17              |            |          |          |              |          |          |                                              |          |                |
|                  | 18         | $\perp$       |          | ļ            | _        |                                                  | _            | _                                                | L              |                                                  | Ш               |  | -             | 68         |          |          |           |          |          |           |           |          |                 |          |          |               | 18              |            |          |          |              |          |          |                                              |          |                |
| •                | 19         | Ц             | _        | _            | <u> </u> | L.                                               | <u> </u>     |                                                  | L              |                                                  |                 |  | $\vdash$      | 69         |          |          |           |          |          |           | Щ         |          |                 |          | L        | $\rightarrow$ | 19              | <u> </u>   |          |          |              |          |          |                                              |          | L              |
|                  | 20         | Щ             |          | L            | L.       | L                                                |              |                                                  |                |                                                  |                 |  |               | 70         |          |          |           |          |          |           |           |          |                 | ╝        | L        | ľ             | 20              |            |          |          |              |          |          |                                              |          |                |
|                  | 21         | 4             | Ļ.       |              | L        | <u></u>                                          |              | ļ.,                                              |                |                                                  |                 |  | Ш             | 71         |          |          |           |          |          |           |           |          |                 |          |          |               | 121             |            |          |          |              |          |          |                                              |          |                |
|                  | 22         | 4             | -        | _            | L        | L                                                |              |                                                  |                | lacksquare                                       | Ш               |  | Ш             | 72         | _        |          |           |          |          |           |           |          | $\perp$         | _        | L        |               | 22              |            |          |          |              |          |          |                                              |          |                |
| _                | 23         | 4             | _        |              | L        | <u> </u>                                         |              |                                                  |                | ┡                                                | Ц               |  | Ш             | 73         | _        |          |           | _        |          |           |           |          |                 | _        |          |               | 23              | Ш          |          |          |              | _        |          | Ш                                            | L        | L              |
| -                | 24         | 4             | _        | _            | H        | <u> </u>                                         |              | <u> </u>                                         |                | <u> </u>                                         | Н               |  | Н             | 74         | -        |          | _         | _        |          |           |           |          | <b></b>         | _        | Ļ        | _             | 24              | $\vdash$   |          |          |              |          |          | ш                                            | _        | ┡              |
|                  | 25<br>26   | +             | _        | -            | ./       | ├                                                | ├            | H                                                | -              | -                                                | $\vdash$        |  | $\rightarrow$ | 75         |          |          | _         |          | -        | _         | $\vdash$  |          | $\vdash$        | 4        | -  -     | _             | 25              | ┼          |          |          | Н            |          | _        | Ш                                            | _        | ļ.,            |
|                  | 27         | ╣             |          | $\vdash$     | :        | -                                                | <del> </del> | -                                                | ⊢              | ┢                                                | -               |  | -             | 76<br>77   | -        |          | _         | _        |          |           | Н         |          |                 | $\dashv$ | -        | $\rightarrow$ | 26              | H          |          |          | 4            | _        | <u> </u> | Н                                            | -        | ⊢              |
|                  | 28         | +             |          | -            | H        | -                                                |              | -                                                | -              | ⊢                                                | Н               |  | $\vdash$      | 78         |          |          | _         | $\vdash$ |          | —         | -         |          | -               | $\dashv$ | ┢        | _             | 27<br>28        | H          |          | -        |              |          |          | Н                                            | H        | ⊢              |
| 1/2              | 9          | $\mathcal{H}$ | -        | H            | -        | ┢                                                | $\vdash$     |                                                  | ╁╌             | ┝┈                                               | Н               |  | -             | 79         | ┪        | -        | _         | $\dashv$ |          |           | -         |          | -               | $\dashv$ | ╁        |               | 29              | -          |          | -        |              |          |          | Н                                            | $\vdash$ | -              |
|                  | 30         | Ħ             | 1        | _            |          |                                                  | Н            |                                                  |                | $\vdash$                                         | Н               |  | -             | 80         | _        |          |           |          |          |           | -         |          | $\vdash$        | $\dashv$ | ┢        |               | 30              |            |          | -        |              |          |          | $\vdash$                                     |          | ┢╌             |
|                  | 31         | 1             |          | _            | $\vdash$ | _                                                | Т            |                                                  | _              | <del>                                     </del> | Н               |  | П             | 81         | _        |          |           |          |          | _         |           | _        |                 | 1        | F        | -             | 31              |            |          |          | $\neg$       |          |          | $\Box$                                       |          | <del>  -</del> |
|                  | 32         | T             |          | <b>-</b>     |          |                                                  | Т            |                                                  |                |                                                  | П               |  | $\Box$        | 82         | T        |          |           |          |          |           |           |          |                 | 1        | F        |               | 32              |            |          |          |              |          | _        | $\Box$                                       | _        | -              |
| 43               | 33         | М             |          |              |          |                                                  |              |                                                  |                | Г                                                | П               |  |               | 83         | T        |          |           |          |          |           |           |          |                 | ┑        |          | 7             | 33              |            |          |          |              |          |          | П                                            |          | Г              |
|                  | 34         |               |          |              |          |                                                  |              |                                                  |                |                                                  |                 |  |               | 84         |          |          |           |          |          |           |           |          |                 |          |          | 1             | 34              |            |          |          |              |          |          | П                                            | Г        | Г              |
| 3                | 35         |               |          | <u> </u>     |          |                                                  | <u>L</u>     |                                                  | _              | L                                                | Ш               |  |               | 85         |          |          |           |          |          |           |           |          |                 |          |          |               | 35              |            |          |          |              |          |          |                                              |          |                |
|                  | 6          | $\bowtie$     | _        |              | L        |                                                  | Ш            | L.                                               | _              | L_                                               |                 |  |               | 86         |          | _        | _         |          |          |           |           |          |                 | _        | L        |               | 36              |            |          |          |              |          |          |                                              |          | <u>L</u>       |
|                  | M          | 4             |          |              |          | ldash                                            | Ш            | <u>_</u>                                         |                | L.                                               |                 |  | $\rightarrow$ | 87         | 4        |          | $\exists$ |          |          |           |           | _        | $\perp$         | _        | L        |               | 37              | lacksquare |          |          | _            | _        |          |                                              |          | ┖              |
|                  | 19         |               |          |              |          | L                                                |              | <u> </u>                                         | _              |                                                  |                 |  |               | 88         | 4        |          | _         | _        |          |           |           | _        |                 | 4        | L        |               | 38              | <u> </u>   |          | _        | _            |          | _        |                                              | _        | L              |
| 1                |            | _             |          |              | Н        | -                                                | _            |                                                  | <u> </u>       |                                                  | Н               |  | $\vdash$      | 89         | $\dashv$ | 4        | _         | _        |          |           |           | 4        | +               | 4        | L        | $\overline{}$ | 39              | -          |          | _        | $\dashv$     | _        |          | =                                            | _        | L              |
| 7                | <u></u>    |               |          | _            | -        |                                                  | _            |                                                  | <u> </u>       |                                                  | Щ               |  | ╙             | 90         |          | _        |           | _        |          |           |           |          | _ _             | 4        | L        |               | 40              | Ш          |          | _        | _            |          |          | _                                            |          |                |
| <u>المبلز</u>    | #          | 쒸             |          | Щ            | Щ        | _                                                | <u> </u>     |                                                  | <u> </u>       | <u> </u>                                         | Щ               |  | $\vdash$      | 91         | 4        | _        | 4         |          |          |           | $\square$ |          | $\perp$         | 4        |          |               | 41              | $\sqcup$   |          |          | 4            |          |          | ᆜ                                            | _        | <u> </u>       |
|                  | 않          | -             | _        | Н            | Н        | $\vdash$                                         | $\vdash$     | -                                                | $\vdash$       | -                                                | Щ               |  | $\rightarrow$ | 92         | $\dashv$ | _        | _         | _        | _        | _         | $\square$ | _        | +               | $\dashv$ | $\vdash$ | _             | 42              | Н          |          |          | {            |          | _        | _                                            | _        | ⊢-             |
| <del>     </del> | 計          | -             | _        | Н            | $\vdash$ | _                                                | Н            |                                                  | -              | $\vdash$                                         | Н               |  | $\vdash$      | 93         | $\dashv$ | _        | $\dashv$  |          | -        | -         | $\vdash$  | _        | +               | $\dashv$ | -        | _             | 43              | $\vdash$   | $\sqcup$ | _        |              | $\dashv$ | -        | $\dashv$                                     | -        | $\vdash$       |
|                  | 15         | $\dashv$      | _        | Н            | Н        | -                                                | Н            | -                                                | -              | H                                                | Н               |  | $\vdash$      | 94<br>95   | $\dashv$ | $\dashv$ |           | -        |          | -         | $\vdash$  |          | +               | $\dashv$ | -        |               | 44<br>45        |            | $\dashv$ | _        | $\dashv$     | $\dashv$ | -        | $\dashv$                                     | <u> </u> | -              |
|                  | 16         | +             | -        | $\vdash$     | Н        | -                                                | -            | H                                                | $\vdash$       | -                                                | $\vdash \vdash$ |  | $\rightarrow$ | 96         | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ | -        | $\dashv$  |           | -        | +               | $\dashv$ | H        |               | 46              | Н          | $\dashv$ | -        | -            | -        | -        |                                              | H        | $\vdash$       |
|                  | 17         | _             | _        | $\vdash$     | Н        |                                                  | $\vdash$     |                                                  | $\vdash$       | Н                                                | Н               |  | -             | 97         | $\dashv$ | _        | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$  | $\dashv$ | +               | -        | $\vdash$ |               | 47              | Н          |          | _        | -            | $\dashv$ | $\dashv$ | -                                            | Н        | $\vdash$       |
|                  | 18         | 7             | _        | Н            | H        |                                                  | $\vdash$     | Н                                                | -              | -                                                | $\dashv$        |  |               | 98         | $\dashv$ |          | $\dashv$  | $\dashv$ |          |           | -         | -        | -+-             | ٦.       | $\vdash$ |               | 48              | Н          |          | $\dashv$ | -            |          |          | -                                            | Н        | $\vdash$       |
| 4                | 9          |               | -        |              | П        |                                                  | Т            |                                                  | Г              |                                                  | $\dashv$        |  |               | 99         | 7        |          | $\dashv$  | $\dashv$ | 1        | $\exists$ | T         | $\dashv$ | +               | 7        | H        |               | 49              | $\vdash$   |          | $\dashv$ | $\dashv$     | $\dashv$ | $\neg$   | $\dashv$                                     | _        | $\vdash$       |
| 5                | 0          |               |          |              |          |                                                  |              |                                                  |                |                                                  |                 |  |               | 100        |          |          |           |          |          |           |           |          |                 |          |          | 古             | 50              |            |          |          |              |          |          |                                              |          |                |

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